

AMENDED IN SENATE JUNE 30, 2009

AMENDED IN ASSEMBLY APRIL 21, 2009

AMENDED IN ASSEMBLY APRIL 16, 2009

CALIFORNIA LEGISLATURE—2009–10 REGULAR SESSION

ASSEMBLY BILL

No. 1465

Introduced by Assembly Member Hill

February 27, 2009

An act to amend Sections 10631, ~~10631.5~~, and 10633 of the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

AB 1465, as amended, Hill. Urban water management planning.

~~(1) Existing~~

Existing law requires every urban water supplier to prepare and adopt an urban water management plan, in accordance with specified requirements, for submission to the Department of Water Resources and other entities. An urban water supplier is required to provide information relating to the supplier's water demand management measures.

~~This bill would revise provisions relating to the information that the urban water supplier is required to include in the plan with regard to water demand management measures. The bill would require the urban water supplier to describe in the plan the opportunities for development of recycled water supplies, including opportunities for nonpotable and indirect potable reuse, and the opportunities for stormwater recapture and reuse as a long-term water supply.~~

Existing law allows urban water suppliers that are members of the California Urban Water Conservation Council and submit annual

reports to that council to satisfy this requirement by submitting those reports to the department.

This bill would deem water suppliers that are members of the council and comply with the “Memorandum of Understanding Regarding Urban Water Conservation in California,” dated December 10, 2008, as it may be amended, to be in compliance with the requirement to describe the supplier’s water demand management measures in its urban water management plan.

~~(2) Existing law, with certain exceptions, requires the terms of, and eligibility for, a water management grant or loan, made to an urban water supplier and awarded or administered by the department, the State Water Resources Control Board, or the California Bay-Delta Authority or its successor agency, to be conditioned on the implementation of the water demand management measures identified in the supplier’s urban water management plan.~~

~~This bill would require the department to determine that an urban water supplier is eligible for a water management grant or loan, despite a failure to implement all of the water demand management measures identified in the urban water management plan, if the supplier submits to the department for approval documentation demonstrating that the supplier’s proposed water demand management measures provide a level of water savings that is equal to or greater than the savings provided by the implementation of measures identified in the plan or that the supplier lacks the authority to implement one or more of those measures.~~

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Section 10631 of the Water Code is amended to
2 read:

3 10631. A plan shall be adopted in accordance with this chapter
4 and that shall do all of the following:

5 (a) Describe the service area of the supplier, including current
6 and projected population, climate, and other demographic factors
7 affecting the supplier’s water management planning. The projected
8 population estimates shall be based upon data from the state,
9 regional, or local service agency population projections within the

1 service area of the urban water supplier and shall be in five-year
2 increments to 20 years or as far as data is available.

3 (b) Identify and quantify, to the extent practicable, the existing
4 and planned sources of water available to the supplier over the
5 same five-year increments described in subdivision (a). If
6 groundwater is identified as an existing or planned source of water
7 available to the supplier, all of the following information shall be
8 included in the plan:

9 (1) A copy of any groundwater management plan adopted by
10 the urban water supplier, including plans adopted pursuant to Part
11 2.75 (commencing with Section 10750), or any other specific
12 authorization for groundwater management.

13 (2) A description of any groundwater basin or basins from which
14 the urban water supplier pumps groundwater. For those basins for
15 which a court or the board has adjudicated the rights to pump
16 groundwater, a copy of the order or decree adopted by the court
17 or the board and a description of the amount of groundwater the
18 urban water supplier has the legal right to pump under the order
19 or decree. For basins that have not been adjudicated, information
20 as to whether the department has identified the basin or basins as
21 overdrafted or has projected that the basin will become overdrafted
22 if present management conditions continue, in the most current
23 official departmental bulletin that characterizes the condition of
24 the groundwater basin, and a detailed description of the efforts
25 being undertaken by the urban water supplier to eliminate the
26 long-term overdraft condition.

27 (3) A detailed description and analysis of the location, amount,
28 and sufficiency of groundwater pumped by the urban water supplier
29 for the past five years. The description and analysis shall be based
30 on information that is reasonably available, including, but not
31 limited to, historic use records.

32 (4) A detailed description and analysis of the amount and
33 location of groundwater that is projected to be pumped by the
34 urban water supplier. The description and analysis shall be based
35 on information that is reasonably available, including, but not
36 limited to, historic use records.

37 (c) (1) Describe the reliability of the water supply and
38 vulnerability to seasonal or climatic shortage, to the extent
39 practicable, and provide data for each of the following:

40 (A) An average water year.

- 1 (B) A single dry water year.
- 2 (C) Multiple dry water years.
- 3 (2) For any water source that may not be available at a consistent
- 4 level of use, given specific legal, environmental, water quality, or
- 5 climatic factors, describe plans to supplement or replace that source
- 6 with alternative sources or water demand management measures,
- 7 to the extent practicable.
- 8 (d) Describe the opportunities for exchanges or transfers of
- 9 water on a short-term or long-term basis.
- 10 (e) (1) Quantify, to the extent records are available, past and
- 11 current water use, over the same five-year increments described
- 12 in subdivision (a), and projected water use, identifying the uses
- 13 among water use sectors, including, but not necessarily limited to,
- 14 all of the following uses:
- 15 (A) Single-family residential.
- 16 (B) Multifamily.
- 17 (C) Commercial.
- 18 (D) Industrial.
- 19 (E) Institutional and governmental.
- 20 (F) Landscape.
- 21 (G) Sales to other agencies.
- 22 (H) Saline water intrusion barriers, groundwater recharge, or
- 23 conjunctive use, or any combination thereof.
- 24 (I) Agricultural.
- 25 (2) The water use projections shall be in the same five-year
- 26 increments described in subdivision (a).
- 27 (f) Provide a description of the supplier's water demand
- 28 management measures. This description shall include all of the
- 29 following:
- 30 (1) A description of each water demand management measure
- 31 that is currently being implemented, or scheduled for
- 32 implementation, including the steps necessary to implement any
- 33 proposed measures, including, but not limited to, all of the
- 34 following:
- 35 (A) Water survey programs for single-family residential and
- 36 multifamily residential customers.
- 37 (B) Residential plumbing retrofit.
- 38 (C) System water audits, leak detection, and repair.
- 39 (D) Metering with commodity rates for all new connections and
- 40 retrofit of existing connections.

1 (E) Large landscape conservation programs and incentives.

2 (F) High-efficiency washing machine rebate programs.

3 (G) Public information programs.

4 (H) School education programs.

5 (I) Conservation programs for commercial, industrial, and
6 institutional accounts.

7 (J) Wholesale agency programs.

8 (K) Conservation pricing.

9 (L) Water conservation coordinator.

10 (M) Water waste prohibition.

11 (N) Residential ultra-low-flush toilet replacement programs.

12 (2) A schedule of implementation for all water demand
13 management measures proposed or described in the plan.

14 (3) A description of the methods, if any, that the supplier will
15 use to evaluate the effectiveness of water demand management
16 measures implemented or described under the plan.

17 (4) An estimate, if available, of existing conservation savings
18 on water use within the supplier's service area, and the effect of
19 the savings on the supplier's ability to further reduce demand.

20 (g) An evaluation of each water demand management measure
21 listed in paragraph (1) of subdivision (f) that is not currently being
22 implemented or scheduled for implementation. In the course of
23 the evaluation, first consideration shall be given to water demand
24 management measures, or combination of measures, that offer
25 lower incremental costs than expanded or additional water supplies.
26 This evaluation shall do all of the following:

27 (1) Take into account economic and noneconomic factors,
28 including environmental, social, health, customer impact, and
29 technological factors.

30 (2) Include a cost-benefit analysis, identifying total benefits and
31 total costs.

32 (3) Include a description of funding available to implement any
33 planned water supply project that would provide water at a higher
34 unit cost.

35 (4) Include a description of the water supplier's legal authority
36 to implement the measure and efforts to work with other relevant
37 agencies to ensure the implementation of the measure and to share
38 the cost of implementation.

39 (h) Include a description of all water supply projects and water
40 supply programs that may be undertaken by the urban water

1 supplier to meet the total projected water use as established
2 pursuant to subdivision (a) of Section 10635. The urban water
3 supplier shall include a detailed description of expected future
4 projects and programs, other than the demand management
5 programs identified pursuant to paragraph (1) of subdivision (f),
6 that the urban water supplier may implement to increase the amount
7 of the water supply available to the urban water supplier in average,
8 single-dry, and multiple-dry water years. The description shall
9 identify specific projects and include a description of the increase
10 in water supply that is expected to be available from each project.
11 The description shall include an estimate with regard to the
12 implementation timeline for each project or program.

13 (i) Describe the opportunities for development of desalinated
14 water, including, but not limited to, ocean water, brackish water,
15 and groundwater, as a long-term supply.

16 ~~(j) Urban water suppliers that are members of the California~~
17 ~~Urban Water Conservation Council and submit annual reports to~~
18 ~~that council in accordance with the “Memorandum of~~
19 ~~Understanding Regarding Urban Water Conservation in~~
20 ~~California,” dated September 1991, may submit the annual reports~~
21 ~~identifying water demand management measures currently being~~
22 ~~implemented, or scheduled for implementation, to satisfy the~~
23 ~~requirements of subdivisions (f) and (g).~~

24 *(j) For purposes of this part, urban water suppliers that are*
25 *members of the California Urban Water Conservation Council*
26 *shall be deemed in compliance with the requirements of*
27 *subdivisions (f) and (g) by complying with all the provisions of the*
28 *“Memorandum of Understanding Regarding Urban Water*
29 *Conservation in California,” dated December 10, 2008, as it may*
30 *be amended, and by submitting the annual reports required by*
31 *Section 6.2 of that memorandum.*

32 (k) Urban water suppliers that rely upon a wholesale agency for
33 a source of water shall provide the wholesale agency with water
34 use projections from that agency for that source of water in
35 five-year increments to 20 years or as far as data is available. The
36 wholesale agency shall provide information to the urban water
37 supplier for inclusion in the urban water supplier’s plan that
38 identifies and quantifies, to the extent practicable, the existing and
39 planned sources of water as required by subdivision (b), available
40 from the wholesale agency to the urban water supplier over the

1 same five-year increments, and during various water-year types
2 in accordance with subdivision (c). An urban water supplier may
3 rely upon water supply information provided by the wholesale
4 agency in fulfilling the plan informational requirements of
5 subdivisions (b) and (c).

6 ~~SECTION 1. Section 10631 of the Water Code is amended to~~
7 ~~read:~~

8 ~~10631. A plan shall be adopted in accordance with this chapter~~
9 ~~and shall do all of the following:~~

10 ~~(a) Describe the service area of the supplier, including current~~
11 ~~and projected population, climate, and other demographic factors~~
12 ~~affecting the supplier's water management planning. The projected~~
13 ~~population estimates shall be based upon data from the state,~~
14 ~~regional, or local service agency population projections within the~~
15 ~~service area of the urban water supplier and shall be in five-year~~
16 ~~increments to 20 years or as far as data is available.~~

17 ~~(b) Identify and quantify, to the extent practicable, the existing~~
18 ~~and planned sources of water available to the supplier over the~~
19 ~~same five-year increments described in subdivision (a). If~~
20 ~~groundwater is identified as an existing or planned source of water~~
21 ~~available to the supplier, all of the following information shall be~~
22 ~~included in the plan:~~

23 ~~(1) A copy of any groundwater management plan adopted by~~
24 ~~the urban water supplier, including plans adopted pursuant to Part~~
25 ~~2.75 (commencing with Section 10750), or any other specific~~
26 ~~authorization for groundwater management.~~

27 ~~(2) A description of any groundwater basin or basins from which~~
28 ~~the urban water supplier pumps groundwater. For those basins for~~
29 ~~which a court or the board has adjudicated the rights to pump~~
30 ~~groundwater, a copy of the order or decree adopted by the court~~
31 ~~or the board and a description of the amount of groundwater the~~
32 ~~urban water supplier has the legal right to pump under the order~~
33 ~~or decree. For basins that have not been adjudicated, information~~
34 ~~as to whether the department has identified the basin or basins as~~
35 ~~overdrafted or has projected that the basin will become overdrafted~~
36 ~~if present management conditions continue, in the most current~~
37 ~~official departmental bulletin that characterizes the condition of~~
38 ~~the groundwater basin, and a detailed description of the efforts~~
39 ~~being undertaken by the urban water supplier to eliminate the~~
40 ~~long-term overdraft condition.~~

~~(3) A detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.~~

~~(4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the urban water supplier. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.~~

~~(e) (1) Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for each of the following:~~

~~(A) An average water year.~~

~~(B) A single dry water year.~~

~~(C) Multiple dry water years.~~

~~(2) For any water source that may not be available at a consistent level of use, given specific legal, environmental, water quality, or climatic factors, describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.~~

~~(d) Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.~~

~~(e) (1) Quantify, to the extent records are available, past and current water use, over the same five-year increments described in subdivision (a), and projected water use, identifying the uses among water use sectors, including, but not necessarily limited to, all of the following uses:~~

~~(A) Single-family residential.~~

~~(B) Multifamily.~~

~~(C) Commercial.~~

~~(D) Industrial.~~

~~(E) Institutional and governmental.~~

~~(F) Landscape.~~

~~(G) Sales to other agencies.~~

~~(H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof.~~

~~(I) Agricultural.~~

~~(2) The water use projections shall be in the same five-year increments described in subdivision (a).~~

1 ~~(f) Establish the goal of the urban water supplier for demand~~
2 ~~management through implementation of the measures identified~~
3 ~~in this subdivision, alternative equivalent demand management~~
4 ~~measures, or an overall reduction in gallons per capita per day of~~
5 ~~urban water use. The urban water supplier shall provide all of the~~
6 ~~following:~~

7 ~~(1) A description of each water demand management measure~~
8 ~~that is currently being implemented, or scheduled for~~
9 ~~implementation. Measures may include, but are not limited to, the~~
10 ~~following:~~

11 ~~(A) Utility operations programs, including programs relating~~
12 ~~to conservation coordination, water waste prevention, wholesale~~
13 ~~agency assistance, pricing, metering, and water loss control.~~

14 ~~(B) Education and information programs, including programs~~
15 ~~relating to school education and public information.~~

16 ~~(C) Residential programs, including programs relating to~~
17 ~~residential assistance, landscape water surveys, high efficiency~~
18 ~~clothes washer incentives, ordinances, and low-flow toilet~~
19 ~~incentives.~~

20 ~~(D) Commercial, institutional, and industrial programs, including~~
21 ~~programs relating to device-based incentives, audits, and process~~
22 ~~improvement incentives.~~

23 ~~(E) Landscape programs, including programs relating to water~~
24 ~~budgets, water use surveys, and financial incentives.~~

25 ~~(2) A schedule of implementation for all water demand~~
26 ~~management measures proposed or described in the plan.~~

27 ~~(3) An estimate of the water savings or reduction in gallons per~~
28 ~~capita per day of urban water use that will be achieved through~~
29 ~~implementation of the proposed demand management measures.~~

30 ~~(4) A description of the methods, if any, that the supplier will~~
31 ~~use to evaluate the effectiveness of water demand management~~
32 ~~measures implemented or described in the plan.~~

33 ~~(g) Evaluate any alternative demand management measures~~
34 ~~being implemented by the supplier to provide a level of water~~
35 ~~savings that is equal to or greater than the water savings provided~~
36 ~~by implementation of the water demand management measures~~
37 ~~listed in paragraph (1) of subdivision (f).~~

38 ~~(h) Evaluate each water demand management measure listed in~~
39 ~~paragraph (1) of subdivision (f) that is not currently being~~

1 implemented or scheduled for implementation due to lack of legal
2 authority or lack of cost-effectiveness.

3 (i) ~~Include a description of all water supply projects and water~~
4 ~~supply programs that may be undertaken by the urban water~~
5 ~~supplier to meet the total projected water use as established~~
6 ~~pursuant to subdivision (a) of Section 10635. The urban water~~
7 ~~supplier shall include a detailed description of expected future~~
8 ~~projects and programs, other than the demand management~~
9 ~~programs identified pursuant to paragraph (1) of subdivision (f),~~
10 ~~that the urban water supplier may implement to increase the amount~~
11 ~~of the water supply available to the urban water supplier in average,~~
12 ~~single-dry, and multiple-dry water years. The description shall~~
13 ~~identify specific projects and include a description of the increase~~
14 ~~in water supply that is expected to be available from each project.~~
15 ~~The description shall include an estimate with regard to the~~
16 ~~implementation timeline for each project or program.~~

17 (j) ~~Describe the opportunities for development of desalinated~~
18 ~~water, including, but not limited to, ocean water, brackish water,~~
19 ~~and groundwater, as a long-term supply.~~

20 (k) ~~Describe the opportunities for development of recycled water~~
21 ~~supplies, including opportunities for nonpotable and indirect~~
22 ~~potable reuse as a long-term water supply.~~

23 (l) ~~Describe the opportunities for stormwater capture and reuse~~
24 ~~as a long-term water supply.~~

25 (m) ~~Urban water suppliers that are members of the California~~
26 ~~Urban Water Conservation Council and submit annual reports to~~
27 ~~that council in accordance with the “Memorandum of~~
28 ~~Understanding Regarding Urban Water Conservation in~~
29 ~~California,” dated December 2008, may submit the annual reports~~
30 ~~identifying water demand management measures currently being~~
31 ~~implemented, or scheduled for implementation, to satisfy the~~
32 ~~requirements of subdivisions (f), (g), and (h).~~

33 (n) ~~Urban water suppliers that rely upon a wholesale agency for~~
34 ~~a source of water shall provide the wholesale agency with water~~
35 ~~use projections from that agency for that source of water in~~
36 ~~five-year increments to 20 years or as far as data is available. The~~
37 ~~wholesale agency shall provide information to the urban water~~
38 ~~supplier for inclusion in the urban water supplier’s plan that~~
39 ~~identifies and quantifies, to the extent practicable, the existing and~~
40 ~~planned sources of water as required by subdivision (b), available~~

1 from the wholesale agency to the urban water supplier over the
2 same five-year increments, and during various water-year types
3 in accordance with subdivision (c). An urban water supplier may
4 rely upon water supply information provided by the wholesale
5 agency in fulfilling the plan informational requirements of
6 subdivisions (b) and (c).

7 SEC. 2. Section 10631.5 of the Water Code is amended to read:

8 10631.5. (a) (1) Beginning January 1, 2009, the terms of, and
9 eligibility for, a water management grant or loan made to an urban
10 water supplier and awarded or administered by the department,
11 state board, or California Bay-Delta Authority or its successor
12 agency shall be conditioned on the implementation of the water
13 demand management measures described in Section 10631, as
14 determined by the department pursuant to subdivision (b):

15 (2) For the purposes of this section, water management grants
16 and loans include funding for programs and projects for surface
17 water or groundwater storage, recycling, desalination, water
18 conservation, water supply reliability, and water supply
19 augmentation. This section does not apply to water management
20 projects funded by the American Recovery and Reinvestment Act
21 of 2009 (Public Law 111-5):

22 (3) Notwithstanding paragraph (1), the department shall
23 determine that an urban water supplier is eligible for a water
24 management grant or loan even though the supplier is not
25 implementing all of the water demand management measures
26 described in Section 10631, if the urban water supplier has
27 submitted to the department for approval a schedule, financing
28 plan, and budget, to be included in the grant or loan agreement,
29 for implementation of the water demand management measures.
30 The supplier may request grant or loan funds to implement the
31 water demand management measures to the extent the request is
32 consistent with the eligibility requirements applicable to the water
33 management funds:

34 (4) (A) Notwithstanding paragraph (1), the department shall
35 determine that an urban water supplier is eligible for a water
36 management grant or loan even though the supplier is not
37 implementing all of the water demand management measures
38 described in Section 10631, if an urban water supplier submits to
39 the department for approval documentation demonstrating that the
40 supplier's proposed water demand management measures provide

1 a level of water savings that is equal to or greater than the water
2 savings provided by the implementation of the water demand
3 management measures listed in Section 10631, that a water demand
4 management measure is not cost effective, or that the supplier
5 lacks the authority to implement one or more of those water
6 demand management measures. If the department determines that
7 the documentation submitted by the urban water supplier fails to
8 meet these criteria, the department shall notify the urban water
9 supplier and the agency administering the grant or loan program
10 within 120 days that the documentation does not satisfy the
11 requirements for an exemption, and include in that notification a
12 detailed statement to support the determination.

13 (B) For purposes of this paragraph, “not locally cost effective”
14 means that the present value of the local benefits of implementing
15 a water demand management measure is less than the present value
16 of the local costs of implementing that measure.

17 (b) (1) The department, in consultation with the state board and
18 the California Bay-Delta Authority or its successor agency, and
19 after soliciting public comment regarding eligibility requirements,
20 shall develop eligibility requirements to implement the requirement
21 of paragraph (1) of subdivision (a). In establishing these eligibility
22 requirements, the department shall do both of the following:

23 (A) Consider the conservation measures described in the
24 Memorandum of Understanding Regarding Urban Water
25 Conservation in California, and alternative conservation approaches
26 that provide equal or greater water savings.

27 (B) Recognize the different legal, technical, fiscal, and practical
28 roles and responsibilities of wholesale water suppliers and retail
29 water suppliers.

30 (2) (A) For the purposes of this section, the department shall
31 determine whether an urban water supplier is implementing all of
32 the water demand management measures described in Section
33 10631 based on either, or a combination, of the following:

34 (i) Compliance on an individual basis.

35 (ii) Compliance on a regional basis. Regional compliance shall
36 require participation in a regional conservation program consisting
37 of two or more urban water suppliers that achieves the level of
38 conservation or water efficiency savings equal to or greater than
39 the amount of conservation or savings achieved if each of the
40 participating urban water suppliers implemented the water demand

1 management measures. The urban water supplier administering
2 the regional program shall provide participating urban water
3 suppliers and the department with data to demonstrate that the
4 regional program is consistent with this clause. The department
5 shall review the data to determine whether the urban water
6 suppliers in the regional program are meeting the eligibility
7 requirements.

8 (B) The department may require additional information for any
9 determination pursuant to this section.

10 (3) The department shall not deny eligibility to an urban water
11 supplier in compliance with the requirements of this section that
12 is participating in a multiagency water project, or an integrated
13 regional water management plan, developed pursuant to Section
14 75026 of the Public Resources Code, solely on the basis that one
15 or more of the agencies participating in the project or plan is not
16 implementing all of the water demand management measures
17 described in Section 10631.

18 (c) In establishing guidelines pursuant to the specific funding
19 authorization for any water management grant or loan program
20 subject to this section, the agency administering the grant or loan
21 program shall include in the guidelines the eligibility requirements
22 developed by the department pursuant to subdivision (b).

23 (d) Upon receipt of a water management grant or loan
24 application by an agency administering a grant and loan program
25 subject to this section, the agency shall request an eligibility
26 determination from the department with respect to the requirements
27 of this section. The department shall respond to the request within
28 60 days of the request.

29 (e) The urban water supplier may submit to the department
30 copies of its annual reports and other relevant documents to assist
31 the department in determining whether the urban water supplier
32 is implementing or scheduling the implementation of water demand
33 management activities. In addition, for urban water suppliers that
34 are signatories to the Memorandum of Understanding Regarding
35 Urban Water Conservation in California and submit biennial reports
36 to the California Urban Water Conservation Council in accordance
37 with the memorandum, the department may use these reports to
38 assist in tracking the implementation of water demand management
39 measures.

1 ~~SEC. 3.~~

2 ~~SEC. 2.~~ Section 10633 of the Water Code is amended to read:

3 10633. The plan shall provide, to the extent available,
4 information on recycled water and its potential for use as a water
5 source in the service area of the urban water supplier. The
6 preparation of the plan shall be coordinated with local water,
7 wastewater, groundwater, and planning agencies that operate within
8 the supplier's service area, and shall include all of the following:

9 (a) A description of the wastewater collection and treatment
10 systems in the supplier's service area, including a quantification
11 of the amount of wastewater collected and treated and the methods
12 of wastewater disposal.

13 (b) A description of the quantity of treated wastewater that meets
14 recycled water standards, is being discharged, and is otherwise
15 available for use in a recycled water project.

16 (c) A description of the recycled water currently being used in
17 the supplier's service area, including, but not limited to, the type,
18 place, and quantity of use.

19 (d) A description and quantification of the potential uses of
20 recycled water, including, but not limited to, agricultural irrigation,
21 landscape irrigation, wildlife habitat enhancement, wetlands,
22 industrial reuse, *groundwater recharge*, indirect potable reuse, and
23 other appropriate uses, and a determination with regard to the
24 technical and economic feasibility of serving those uses.

25 (e) The projected use of recycled water within the supplier's
26 service area at the end of 5, 10, 15, and 20 years, and a description
27 of the actual use of recycled water in comparison to uses previously
28 projected pursuant to this subdivision.

29 (f) A description of actions, including financial incentives, which
30 may be taken to encourage the use of recycled water, and the
31 projected results of these actions in terms of acre-feet of recycled
32 water used per year.

33 (g) A plan for optimizing the use of recycled water in the
34 supplier's service area, including actions to facilitate the installation
35 of dual distribution systems, to promote recirculating uses, to
36 facilitate the increased use of treated wastewater that meets
37 recycled water standards, and to overcome any obstacles to
38 achieving that increased use.

O